THE DAILY REPUBLIC.

PUBLISHED BY GIDEON & CO.

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NINTH STREET. NEAR PENNSYLVANIA AVENUE,

WASHINGTON, D. C.

PROPOSALS FOR TIMBER FOR THE NAVY.

NAVY DEPARTMENT. BUREAU OF ORDEANCE AND HYDROGRAPHY, July 22, 1853. July 22, 1853.

EALED PROPOSALS, endorsed "Proposals for Dimber," will be received at this Bureau until three o'clock p. m. of the 22d of August next, for furnishing and delivering, under contract, at each of the several navy yards at Charlestown, Massachusetts; Brooklyn, New York; and Gosport, Virginia, the following described timber, viz:

WHITE OAK-For Axletrees. 190 pieces, length five feet eight inches; thickness, ten inches; breadth, fourteen inches
190 pieces, length five feet four inches; thickness, nine inches; breadth, twelve inches
75 pieces, length, five feet three inches; thickness, eight and one-half inches; breadth, fourteen inches
75 pieces, length five feet; thickness, seven and one-half inches; breadth, eleven inches

For Brackets.

For Brackets.

320 pieces, length six feet two inches; thickness, seven inches, breadth, sixteen inches 60 pieces, length aix feet; thickness, seven inches; breadth, twelve and one-half inches 320 pieces, length five feet two inches; thickness, seven inches; breadth, twenty inches 60 pieces, length five feet two inches; thickness, seven inches; breadth, sixteen inches 150 pieces, length five feet eight inches; thickness, six and one-half inches; breadth, thirteen inches 150 pieces, length four feet eight inches; thickness, six and one-half inches; breadth, sixteen inches

For Transoms, (each piece making two transoms.

For Transoms, (each piece making two transoms.)

80 pieces, length four feet eight inches; thickness, eight and one-half inches; breadth, twenty inches

15 pieces, length four feet eight inches; thickness, eight and one-half inches; breadth, sixteen inches

38 pieces, length four feet two inches; thickness, seven inches; breadth, fourteen inches

(Being about ninety-one thousand eight hundred and fifty-two feet (board or inch measure) at each ard.)

HICKORY.

Five hundred white hickory handspikes, six feet three inches long, three and one-half inches square at the butt, and two and one-half inches square at

The above white oak timber must be of the best quality, and have grown within sixty miles of sea water, and taken from butt logs, clear of knots, rents, sap, and all other defects, and from the centre or heart pith. It must be got out fair, straight, to sharp corners, and without twist or

straight, to sharp corners, and without twist or wind.

The handspikes must be split from the best white hickory butts, clear of centre or heart pith, and dreased down to the prescribed dimensions.

The timber for axletrees must be in single lengths, and from butt cuts. The timber for bracket pieces may be delivered to cut two lengths, and for the transom pieces to cut four lengths, or double those above given; but no other combinations of lengths, nor any timber from top pieces, will be received for any purpose.

In the dimensions of white oak timber, additions have been made to the net dimensions to which it is to be worked; and no payment will be made for any excess beyond the aggregate number of feet herein stated for each yard. If any should be received under prescribed dimensions, the actual contents only will be paid for.

None of the timber will be received unless it is entirely to the satisfaction of the respective commandants of the yards at which it is delivered.

The deliveries may be made as early as suits the

The deliveries may be made as early as suits the onvenience of the contractors, but the whole must be delivered on or before the first day of July,

Separate offers must be made for the supply at each of the navy yards named, and for the white oak, and for the hickory, but the offers must be for all of the white oak and all of the hickory for each navy yard. The offer must be by the thousand feet, board measure, for the white oak timber, and by the piece for the hickory handspikes.

Persons whose offers may be accepted will be accepted to enter into contracts which besides.

required to enter into contracts which, besides other conditions, will expressly provide that, incase they shall in any respect fall to perform the contracts, the same may be, at the option of the United States, declared null and void, without affecting the right of the said United States to recover for defaults which may have occurred, with the stipulation also that, if default shall be made by the contractor in delivering all or any of the timber contracted for, of the quality, within the times and at the places named, that then and in that case the contractor and his sureties will forfeit and pay to the United States, as liquidated damages, a sum of money equal to twice the contract price, which liquidated damages may be recovered from time to time as they accrue.

All the aforesaid timber must be subject to inspection and measurement, according to the

spection and measurement, according to the printed rules established for the inspection and measurement of timber for the navy of the United

"printed rules established for the inspection and measurement of timber for the navy of the United States," copies of which may be seen at either navy yard or navy agent's office.

No extension of time for making deliveries will be granted, and penalties for non-fulfilment will in all cases be rigidly enforced. Bidders are therefore requested not to offer for more than they are sure they can furnish within the time specified.

Approved sureties in twice the estimated amount of each contract will be required in the manner set forth in that instrument, and twenty per centum will be withheld from the amount of each payment as collateral security for its faithful performance. Eighty per centum of each bill, approved in triplicate by the respective commandants of said navy yards, will be paid by the navy agent at the point of delivery, within thirty days after its presentation to him, duly approved.

Every offer must be accompanied by a written guarantee (the responsibility of the guarantor or guarantors to be certified to by a navy agent or other official person, or by some one known to the bureau) that, if the offer be accepted, the bidder or bidders will, within ten days after the receipt of the contract at the post office designated, execute the same, with good and sufficient sureties, to furnish the articles proposed agreeably to the terms specified in the contract. The law of the 10th August, 1846, forbids the consideration of all proposals not accompanied by such guarantee.

Those only whose offers may be accepted will be notified, and contracts will be forwarded without delay.

Persons offering are directed to designate the

dressed, and the navy agent to whom the contracts shall be sent for execution.

Editors authorized to publish this advertisement will be specially notified by this bureau. None others will be paid for its insertion.

Form of guarantee (to be attached to each offer.)

We, the undersigned, residents of in the State of hereby guarantee, in case the foregoing bid of be accepted, that he (or they) will, within ten days after the receipt of the contract at the post office designated in said bid, execute the same with good and sufficient sureties, to furnish the articles proposed, in conformity with the terms of the advertisement under which it is made.

C. D. Soldiers' bounty land warrants, at a dollar and twenty-five cents per acre, may be received in the limits of the said railroad. There the alternate sections to the said railroad. There the alternate sections to the said railroad. There fore, all claims by pre-emption to any of the alternate sections to the said railroad. There fore, all claims by pre-emption to any of the alternate sections to the said railroad. There fore, all claims by pre-emption to any of the alternate sections to the said railroad. There fore, all claims by pre-emption to any of the alternate sections to the said railroad. There fore, all claims by pre-emption to any of the alternate sections to the said railroad. There fore, all claims by pre-emption to any of the alternate sections to the said railroad. There fore, all claims by pre-emption to any of the alternate sections to the said railroad. There fore the alternate sections to the said railroad. There fore all claims by pre-emption to any of the alternate sections of public lands within the limits or public land

The Daily Republic

VOL. V.

WASHINGTON: TUESDAY MORNING, AUGUST 2, 1853.

By the President of the United States.

In pursuance of law, I, FRANKLIN PIERCE, President of the United States, do hereby declare and make known that public sales of the sections and parts of sections of land, all bearing the odd numbers, which remain to the United States, within six miles on each side of the line of the Mobile and Ohio River railroad, in the States of Alabama and Mississippi, subject to double the minimum price of the public lands, as provided by the act of 20th September, 1850, will be held at the following land offices, in the States of Alabama and Mississippi, at the periods hereinafter designated, to wit:

At the land office at ST. STEPHENS, in Alabama, commencing on Monday, the fifth day of September next, for the disposal of such sections and parts of sections, being the odd numbers above referred to, as are situated in the undermentioned townships, to wit: By the President of the United States.

erred to, as are situated in the undermentione

North of the base line and west of the principal meri-

Townships one, two, three, four, five, six, and seven, of range four. Townships three, four, five, aix and seven, of range five. South of the base line and west of the principal meri-

Townships one, two, three, four, and five, of range

Townships one, two, three, four, and five, of range two.
Townships one, two, and three, of range three.
Township one, of range four. South of the base line and east of the principal me

Townships three and four, of range one.
At the land office at DEMOPOLIS, in the State, commencing on Monday, the twelfth day of September next, for the disposal of such sections and ports of sections, being the odd numbers above refeed to, as are situated in the undermentioned

North of the base line and west of the principal me Townships eighteen, nineteen, and twenty, of

range four.
At the land office at TUSCALOOSA, in the same State, commencing on Monday, the fifth day of September next, for the disposal of such sections and parts of sections, being the odd numbers above referred to, as are situated in the undermentioned townships to with

North of the base line and west of the principal a ridian in the southern surveying district. Township twenty one, of range four.
At the land office at COLUMBUS, in Mississippi, commencing on Monday, the nineteenth day of September next, for the disposal of such sections and parts of sections, being the odd numbers above referred to, as are situated in the undermentioned

townships, to wit: North of the base line and east of the Choclaw

Townships eight, sixteen, seventeen, eighteen, nineteen, and twenty, of range fifteen.
Townships eight, nine, twelve, thirteen, fourteen, fiften, sixteen, seventeen, eighteen, ninetcen, and

twenty, of range sixteen.

Townships eight, nine, ten, eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, and nineteen, of range seventeen.

Townships eight, nine, ten, eleven, twelve, thirteen, fourteen, fifteen, and sixteen, of range eighteen.

Townships eight, nine, ten, eleven, and twelve, of range nineteen.

range nineteen.
At the land office at AUGUSTA, in the same State, commencing on Monday, the twenty sixth day of September next, for the disposal of such sections and parts of sections, being the odd numbers above referred to, as are situated in the undermentioned townships, to wit:

North of the base line and east of the Choclaw me

Township four, of range thirteen.
Townships one, two, three, four, five, and siz, of range fourteen. Townships one, two, three, four, five, six, and ty five to twenty nine. (except sections twen ty five to twenty eight, and thirty three to thirty exen, of range fifteen. rownships one, two, three, four, five, six, and seven, of range sixteen.

Townships one, two, three, four, five, six, and seven, of range sixteen.

Townships one, five, six, and seven, of range seven—

en. Township seven, of range eighteen.

North of the base line, west of the meridian, and east of Pearl river.

Townships three, four, five, six, seven, and eight, of range five.

Townships five, six, seven, eight, nine, and ten,

of range six.

Townships seven, eight, nine, and ten, of range

Townships seven, eight, nine, and ten, of range seven.

Townships, eight, nine, and ten, of range eight.

The townships herein designated in Roman letters are wholly within the limits of "six sections in width on each side of said road," and those in italies are partly within said limits, as designated on the diagrams, which will be furnished to the respective district land offices by the Commissioner of the General Land Office.

Lands reserved for schools, military, and other purposes, will be excluded from sale.

The lands sold will be subject to the right of way granted by the said act of 20th September, 1850, to the States aforesaid, for said railroad, not exceeding one hundred feet on each side thereof; and therefore the particular tracts of land which include the road will be sold as containing the quantities respectively shown by the official plats.

Each sale will be kept open for a time sufficient to admit of offering all the lands, but not exceeding two weeks, and applications to make private

ing two weeks, and applications to make private entries of the lands offered under this proclama-tion will not be received until after the close of the

public sale.

Given under my hand, at the city of Washington, the twenty-third day of May, A. D. 1853.

FRANKLIN PIERCE. By the President: JOHN WILSON, Commissioner of the General Land Office.

Notice to actual settlers on lands of the United

oute the same, with good and sufficient sureties, to furnish the articles proposed agreeably to the terms specified in the contract. The law of the terms specified in the consideration of all proposals not accompanied by such guarantee.

Those only whose offers may be accepted will be notified, and contracts will be forwarded without delay.

Persons offering are directed to designate the post office through which they desire to be addressed, and the navy agent to whom the contracts shall be sent for execution.

Notice to actual settlers on lands of the United States originally withdraton from market on account of the railroad grant.

Under act of Congress, approved 3d March, 1853, entitled "An act to extend pre-emption rights to certain lands therein mentioned," the pre-emption of any of the said railroad. There shall be sent for execution.

refermed the advertisement under which it is cade.

C. D. E. F.

I hereby certify that, to the best of my knowledge and belief, the above-named guarantors are bood and sufficient.

G. H. Navy Agent.

Form of endorsement on the envelope transmitting the offer.

"Proposals for Timber," at the Navy Yard, (name the yard.)

To _____, To ____, Chief of Bureau of Ordnance and Hydrography, Washington, D. C.

Washington, D. C.

Soldier's bounty land warrants, at a dollar and dollar and dollar and the particular to the southeast quarter of timity, in township three, of range two.

At the SAME PLACE, commencing on Menday, the third day of October next, for the disposal of the public lands within the following sections, and meridian.

Washington, D. C.

West Indies Grate Britain, France, C., by at the belaw to township three, of range two.

At the SAME PLACE, Commenci

By the President of the United States. | and the north half of thirty five, in township ten, N pursuance of law, I, FRANKLIN PIERCE, of range five.

President of the United States of America, do

Lands appro bereby declare and make known that public sales will be held at the undermentioned land offices in the State of Wisconsin, at the periods hereinafter designated, to wit:

designated, to wit:

At the land office at WILLOW RIVER, commencing on Monday, the third day of October next, for the disposal of the public lands situated in the following named townships, viz:

cipal meridian Townships thirty two, thirty three, thirty four, thirty five, and thirty six, of range five.

Townships thirty one, thirty (we, thirty three, thirty four, thirty five, and thirty six, of range

Townships thirty one, thirty two, thirty three, thirty four, and thirty five, of range seven.

Townships one and two, of range one.
Townships one and two, of range one.
Townships one, two, three, and four, of range three, of range nine.
Townships thirty one, thirty two, thirty three, and thirty four, of range nine.
Townships thirty one, thirty two, and thirty two, thirty three, and thirty four, of range sixteen.
Townships thirty one, thirty two, thirty three, and thirty four, of range sixteen.
Townships thirty one, thirty two, thirty three, and thirty four, of range sixteen.

At the land office at MENASHA, commencing on Monday, the tenth day of October next, for the disposal of the public lands within the undermen-tioned townships and parts of townships, to wit: North of the base line and east of the fourth princi

Townships twenty five and twenty six, of range

Townships twenty nee and twenty six, of range twelve.
Fractional townships twenty one, weat of Wolf river, and townships twenty four, twenty five, and twenty six, of range thirteen.
Fractional townships twenty one and twenty two, west of Wolf river and Bayou, and townships twenty three, twenty four, twenty five, and twenty six, of range fourteen.
Fractional townships twenty two, west of Wolf river, townships twenty three and twenty four, and fractional townships twenty five and twenty six; west of Wolf river, of range fifteen.
Fractional townships twenty two, twenty three, twenty four, and twenty six, west of Wolf river, of range sixteen.

of range sixteen.

At the land office at LA CROSSE, commen on Monday, the seventeenth day of October next for the disposal of the public lands within the fol-lowing named townships, to wit:

North of the base line and west of the fourth principa Townships twenty and twenty one, of range on Townships seventeen, eighteen, nineteen, twen-y, and twenty one, of range two. Townships twenty one and twenty two, of range

Townships twenty one and twenty two, of range

North of the base line and east of the fourth prin

Townships twenty one, twenty two, twenty tree, and twenty four, of range one.
Township twenty one, of range two.
At the land office at STEVENS'S POINT, commencing on Monday, the twenty fourth day of October next, for the disposal of the public lands situated in the following townships and parts of townships, to wit:

North of the base line and east of the fourth prin-cipal meridian. Township twenty six, of range four.

Township twenty six, of range five.
Sections three to ten, fifteen to twenty two, and
twenty six to thirty five, in township twenty six;
township twenty seven, (except sections thirteen,
twenty four, twenty five, thirty five, and thirty
six.) and townships twenty eight, twenty nine,
and thirty of range six.

six,) and townships twenty eight, twenty file, and thirty, of range six.

Sections one, two, eleven to fourteen, twenty three to twenty five, and thirty six, in township twenty six; sections thirteen, twenty four, twenty five, thirty five, and thirty six, in township twenty seven; sections five to eight, seventeen to twenty, thirty, and thirty one, in township twenty the twenty thirty careful six forcest sections awen

which were not included in the proclamations of the 20th November, 1846, and 28th April, 1851, to be sold under the act of Congress entitled "An act to authorize the President of the United States to sell the reserved mineral lands in the States of Illinois and Arkanass, and Territories of Wisconsin and Iowa, supposed to contain lead ore," approved July 11, 1846, to wit:

The proposals will be addressed to the undersigned, marked on the envelope, "Proposals for removing Red River Raft."

The War Department reserves to itself the right of awarding the contract according to its own judgment of the most favorable bid and the most responsible bidder.

To be inserted in the Union, Republic, and National Intelligencer, Washington, D. C.; Cincinglia, Capatic Christian, Capatic Capatic Christian, Capatic Capatic Christian, and Capatic Capatic

of range five.

Lands appropriated by law for the use of schools, military and other purposes, together with "those awamp and overflowed lands, made unfit thereby for cultivation," if any, granted to the State by the act entitled "An act to enable the State of Arkansas and other States to reclaim the 'swamp lands' within their limits," approved September 29, 1850, will be excluded from the sales.

In accordance with the provisions of the act of 11th July, 1846, hereinbefore referred to, preemption claims will not be allowed to any of the above-mentioned lead mineral tracts to be offered at Mineral Point, until after they have been offered at public sale, and become subject to private en

Townships thirty six, of range five.

Townships thirty one, thirty two, thirty three, thirty four, thirty five, and thirty six, of range six.

Townships thirty one, thirty two, thirty three, and thirty five, of range seven.

Townships thirty one, thirty two, thirty three, and if not sold at the public sale at such price, nor shall be entered at private sale within twelve months thereafter, the same shall be subject to sale and thirty four, of range eight.

months thereafter, the same shan be such as other lands.

The offering of the above lands will be commenced on the days appointed, and will proceed in the order in which they are advertised until the whole shall have been offered, and the sales thus closed; but no sale shall be kept open longer than two weeks, and no private entry of any of the lands will be admitted until after the expiration of the papers prophysics. Given under my hand, at the city of Washing-ton, this twenty-first day of June, Anno Domini one thousand eight hundred and fifty three.

FRANKLIN PIERCE. By the President: John Wilson,

NOTICE TO PRE-EMPTION CLAIMANTS. Every person entitled to the right of pre-empon to any of the lands within the townships at parts of townships above enumerated, is required to establish the same to the satisfaction of the regto establish the same to the satisfaction of the reg-ister and receiver of the proper land office, and make payment therefor as soon as practicable after seeing this notice, and before the day appointed for the commencement of the public sale of the lands embracing the tract claimed, other wise such claim will be forfeited.

JOHN WILSON, Commissioner of the General Land Office.

THE PERSON to whom the contract was award-ed under former advertisements for proposals having failed to give the bond with suretics as re-quired, proposals for the work are again invited as follows:

as follows:

Proposals will be received until the 20th day of next September for the removal of obstructions to the navigation o: Red river (Louisians) occasioned by the raft, and for keeping the said navigation free from the same for the longest period.

The amount of these proposals united is not to exceed the sum of \$100,000.

Each bidder will propose to remove said raft, (thoroughly.) and to keep the navigation free from obstruction thereby for a specified period; specifying in his bid the time in which he proposes to complete the removal of the raft, the said from obstruction thereby for a specified period; specifying in his bid the time in which he proposes to complete the removal of the raft, the said time not to be later than the let day of June, 1855; and also the number of years, counting from said removal, during which time he binds himself to keep the said navigation free from raft obstruction. The contractor will be required to give his bond for \$20,000, with two good sureties, each for the sum of \$10,000, conditioned for the faithful execution of the contract. Each hidder will transmit as sum of \$10,000, conditioned for the faithful execution of the contract. Each bidder will transmit, at
the same time with his proposals, the names of the
persons whom he offers as suretics, and a declaration signed by them that they will sign his bond as
sureties as above mentioned; and also the certificate of a district judge of the United States for the
State in which he resides, that said accurities are
respectable cirizens, and that be considers them
worth \$10,000 over and above all their debts and
liabilities. No bid will be examined unless these
conditions shall be complied with.

Terms of payment. Of the sum of \$100,000 appropriated for the above object, \$50,000 shall be paid as the work of removing the raft advances, as follows—to wit: Whenever the contractor shall report that a portion of the raft has been removed, the same shall of the raft has been removed, the same shall shall be the same shall shall shall be the same shall shall shall be the same shall shal be inspected by an officer appointed by the six.) and township thirty, of range even.

Sections one to five, eight to fifteen, twenty two to twenty seven, thirty five and thirty six, in township twenty four; township twenty six, in incomship twenty four; township twenty six, townsty, and thirty one;) township twenty six; townsty sight, (except sections six, seven, eighteen, nine teen, thirty, and thirty one;) and townships twenty six; townsteen, thirty, and thirty one;) and townships twenty six; townsteen, thirty, and thirty one;) and townships twenty six, of range eight.

Townships twenty five and twenty six, of range nine.

Townships twenty five and twenty six, of range nine.

Townships twenty five and twenty six, of range eleven.

At the land office at MINERAL POINT, commencing on Monday, the second day of January next, for the disposal of the following, being residuary tracts of the reserved lead mineral lands, which were not included in the proclamations of the 20th November, 1846, and 28th April, 1851, to be sold under the act of Congress entitled "An act to authorize the President of the United States to outhorize the President of the United States to

all the reserved mass.

All the reserved mass, and Combination.

Frow exclusion and arthumps and Combination.

The weather and an outleast quarter of the south of the combination of th

No. 24.

THE REPUBLIC. American Association for the Advance ment of Science.

The Tides of the Western Coast of the United States, by Professor Bache.

This association met in Cleveland, Ohio, on the 28th ultimo, and was organized as follows: Professor Benjamin Pizhce, president; Professor Samuel St. John, local secretary; Dr. A. L. Elanorn, treasurer. Ex-President Millard Fillmore, and mombers in hundred and sixty-one neem members were elected, among whom we note ex-President Fillmore, Judge N. K. Hall, and the following persons residing in this city, viz: W. W. Turner; Seth Eastman, United States army; D. L. F. Hardcastle; J. A. Dahlgren, United States army; T. A. Jenkins, S. A. Jenkins, United States army; J. Major, H. R. Schoolcraft, H. W. Benham, United States army; A. Mordecai, and A. C. Method of finding the Chronometer by Equal Altitudes, by W. Chauvenet.

The Distribution of Precipitation in Rain and Snow on the North American Continent, by Lorin Blodgett.

On Lithography and Lithographic Transfers, by E. B. Hunt.

A Method of finding the Chronometer by Equal Altitudes, by W. Chauvenet.

The Distribution of Precipitation in Rain and Snow on the North American Continent, by Lorin Blodgett.

Comparative Precision of the Electro-Chronographic or American Method of Observation, by B. A. Gould, jr.

The Formation and Mode of Development of the Renal Organs, Vertebrata. Formation and Functions Allantois. Researches on the Development of Viviparous Aphides, by W. J. Burnett.

The Parallelism and Method of Middle Teanessee, with those of New York, by J. M. Safford.

The Theory of Molecular Forces—Binocular forces and the Theory of Molecular fo

ham, United States army; A. Mordecai, and A. The President remarked that about two-thirds

of the papers presented were on mathematics and The President then announced the first regular paper in order by Wm. C. Redfield, esq., first president of the association, on "the value of the

arometer in the navigation of the American The next was by Professor Benjamin Pierce, resident of the association, on "The stability of The third was by Professor Elias Loomis,

New York, which was "Some notices of a bail-storm which passed over the city of New York on he 1st of July, 1843." The following committees appointed at a pro-

ious meeting are to report at this: Committee to examine Mr. Lyman's Teles Committee to examine Mr. Lyman's Telescope, the stand for Mr. Simmons's Telescope, and the Mountain Baroneter of Mr. Andrews; Committee to examine the Microscope and Lens submitted to the Association by Charles A. Spencer, esq., of Canastota, New York; Committee to menorialize Congress for an appropriation to enable Professor Mitchel to perfect and apply his new Astronomical Apparatus; Committee to arrange the details of a system of combined Meteorological Observations for North America; Committee cal Observations for North America; Committ cal Observations for North America; Committee to digest a plan of reducing the observations made under the direction of the Regents of the University of New York, from 1825 to 1850, with reference to their publication, and to decide upon the stations which shall be included in this reduction; Committee on memorializing the State of New York and other States, in regard to Geographical Surveys; Committee in relation to the United States Coast Surveys Committee on a University of the Coast Surveys Coa Coast Survey; Committee on a Uniform States Coast Survey; Committee on a Uniform Standard of Weights and Measures; Committee to memorialize State Governments upon the im-portance of commencing or continuing Geological Surveys; Committee to memorialize the Legislature of Ohio upon the subject of a Goological Exploration of that State; Committee to memorialize the Legislature of Missouri on the subject of a Geological Survey of that State; Committee for memorializing Congress in relation to Scientific Explorations, and the distribution of the duplicates from the Collection of the Exploring Expedition.

tions made in connexion with the United States Coast Survey, by Professor A. D. Bache.
On zodiaical light, periodical appearance of meteors, and the points of space to which the mo-

figations in analytical morphology, No.

2-stable and unstable forms of equilibrium, by Professor B. Pierce, of Cambridge, Massachu-Investigation of the storm curve deduced from relations existing between the direction of the wind and the rise and fall of the barometer, by Professor J. H. Coffin, of Easton, Pennsylvania.

TERMS.

Two Dollars per annum, payable invariably in advance.

GIDEON & CO. Washington, D. C.

The Measurement of Heights by Barometer, by

The Tides of the Western Coast of the United

The Theory of Molecular Forces—Binocular Microscope, Histology, Red Blood, and Capillary Blood Vessels, by Professor J. L. Riddle.

The Cohesion of Fluids, Evaporation of Steam, and Boiler Explosions, by E. B. Hunt.

CARAVAN FROM RED RIVER AT ST. PAUL .- The annual caravan from Red river reached this place last evening. Our old townsman, Charles Gava-lier, esq., late collector of Pembina, was one of the train, and to him we are indebted for the fol-

lowing details:
The caravan consists of one hundred and thirtythree carts, thirty-two of which belong to the Sel-kirk settlement on the British side of the line, and the balance to Messrs. Kittson, Rolette, Gingras, the balance to Messrs. Kittson, Rolette, Gingras, Cavilier, and others residing at Grand Cote, Pembina, &c., on the American side. They left Grand Cote on the 15th day of June, and reached Traverse des Sioux, on the Minnesota river, on Sunday last, having occupied thirty-two days in making the trip. From Traverse des Sioux they came down on board the Clarion. On the route they saw a great many buffalo, and killed as many as they needed. They crossed Governor Stevens's trail en route, and fell in with a portion of his party. The Governor was progressing slowly, owing to the bad condition of his teams; and it was thought that, unless the hunters were successful, the party would soon incur a scarcity of provisions.

The traders and hunters at Red river have been unusually successful during the past season. The caravan brings some six hundred bales of furs and skins, and were obliged to leave a large quantity Rt. Rev. Provoncier, the Catholic Bishon at

Rt. Rev. Provoncier, the Catholic bishop at Red river, died a few days before the train left. The business at Red river, on the American side of the line, is mostly being concentrated at Grand Cote, about thirty miles west of the old settlement of Pembina, and four or five miles south of the British line; and Mr. C. thinks that it will finally absorb the greater part of the settlers on the British side. The residents there have en-gaged quite extensively in farming, and the soil is found to be exceedingly productive. Mr. Cavi-lier intends to return with the train, which starts in the course of ten or twelve days, and engage in the rearing of stock at Grand Cote.

[St. Paul (Minnesota) Democrat, July 20.

The telegraph reports the following further proceedings:

SECOND DAY.

CLEVELAND, FRIDAY, July 29.—After some preliminary business, the following papers were announced to be read to-day, and the reading began:

The recent discovery of the deep sea-bank on the eastern side of the gulf stream on the coasts of South Carolina, Georgia, and Florida, by Lieutenants Commanding Craven and Muffitt, United States navy. Presented by Professor Bache.

On the resistance of vertical plates on tubular bridges, by Herman Haupt, superintendent of the Pennsylvania railroad, Philadelphia.

On tides at Key West Florida, from observations made in connexion with the United States in connexion with the United States in any consisted of 1 rish, and in the last six years the number was about 1,313,226. In 1852 the emigration to Australia STATISTICS OF EMIGRATION .- The annual reand in the last six years the number was about 1,313,226. In 1852 the emigration to Australia was 87,881, of which 53,527 was spontaneous, and 34,354 was by the government. For the first quarter of the present year emigration has decreased. The commissioners conclude by observing that they regard the decrease in the emigration was the state of the state meteors, and the points of space to which the motion of the polar system is directed, by Daniel Waughn, of Connecticut.

On the southeast monsoon of Texas, Northern Texas, and the Gulf of Mexico, and the abnormal atmospheric movements of the North American continent generally, by Lorin Blodgett, of Washington.

In the continuation of the present year enigration has decreased. The commissioners conclude by observing that they regard the decrease in the emigration as a proof that the laboring classes of the United Kingdom, and especially of Ireland, are in a state of unusual comfort and prosperity. It would be beyond their province to speculate on the continuance of this state; but as far as it is possible to the continuance of this state; but as far as it is possible to the continuance of this state; but as far as it is possible to the continuance of this state; but as far as it is possible to the continuance of this state; but as far as it is possible to the continuance of this state; but as far as it is possible to the continuance of this state; but as far as it is possible to the continuance of t judge from present appearances, it seems not un-reasonable, looking at the vast contracts for pub-lic works in all parts of the world which have been recently taken by English contractors, to expect that the condition of the laboring classes in this country will continue to improve, and that either at home or in the most accessible of the British colonies an ample field and full remuneration will be found for their services.

A Town for Building Materials.—Setting Quincy aside, and there is no town in the State, if in the Union, that furnishes such an immense quantity of substantial building material as Somerville, lying only two miles northwest from our metropolis. The lowest lands of the town are erville, lying only two miles northwest from our metropolis. The lowest lands of the town are almost literally covered with excellent clay for brick-making, while the several noble hills, which have rendered the locality so famous, all contain extensive ledges of a valuable sort of slate-stone, for various building purposes. The Boston Brick Company are operating there on a heavy scale, with the newest improved machinery, having invested a capital of \$100,000. There are also more than a dozen other individuals and firms engaged in the brick-making business, the total yearly proceeds of which must amount to several hundred thousand dollars. housand dollars.

At Taylor's Ledge, the efficient manager, Mr. At Taylor's Ledge, the efficient manager, Mr. Pollard, is now turning out about 2,500 tons of stone per week, a large proportion of which is used in building and in paving this city. This ledge is probably the most profitable one in town. It was first opened for the passage of the Lowell Railroad, and has been constantly worked ever since. Dane's and Adams's Ledges are also yielding work than penal the present season. Another ng more than usual the present season. Another edge is owned by the town, by means of which the hill streets are always kept in good condition.

Boston Transcript.

VALUABLE MEMORIALS.—We saw yesterday four Franklin medals, of different dates, which four Franklin medals, of different dates, which were gained many years since by Chas. Sprague, esq., the poet, of this city, and his brothers, at the Brimmer School, or the others which have previously stood upon its site. The medals all have upon the obverse the figures of an open book and pens, with the legend, "The Gift of Franklin," and upon the reverse the inscription, "Adjudged by the School Committee as a Reward of Merit to"—And'w Sprague, 1793; Jas. Sprague, 1795; Chas. Sprague, 1803; and Jeremiah Sprague, 1807. The first, it will be observed, is of a date but three years later than the institution of the medals.—Boston Advertiser, July 27.

named, as places to hold the next meeting at, but no decision was come to.

The following papers were read to-day:
An Investigation of Analytical Morphology, by Professor Pierce.

Special Analogies in the Structure of the Eastern Hemisphere and the visible Hemisphere of the Moon, by Professor Alexander.

Mackerel.—Some of the vessels have brought in a few mackerel this week, which are readily taken up. The sales this week have been taken up. The sales this week have brought in a few mackerel this week.